

Docket No. AUS920040197US1

# **ABSTRACT OF THE DISCLOSURE**

## **METHOD AND APPARATUS FOR SUPPORTING CHECKSUM OFFLOAD IN PARTITIONED DATA PROCESSING SYSTEMS**

A method, apparatus, and computer instructions for processing a data packet in an interpartition virtual network in the logical partitioned data processing system. A state of a first flag and a state of a second flag is identified in the data packet, in response to receiving the data packet at a first partition in the interpartition virtual network from a second partition in the interpartition virtual network in the logical partitioned data processing system. A checksum is selectively verified for the data packet based on the state of the first flag and the state of the second flag.